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U.S. National Phase Application  
Transmittal & Fee Calculation Sheet (2 pages)  
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Preliminary Amendment (7 pp) *Marked up copy*  
Assignment w/ Recordation Cover Sheet (3 pages)  
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IDS with Form PTO-1449 (4 pp) with 7 references and International Search Report  
Affirmation of Priority Claim (2 pp) and  
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**107030555**  
**JCO7 Recd PGT PTO 04 JAN 2002**

Applicant: **Panul H. C. C. C.**  
Serial No.: **1**  
Filed: **PCIT/100/00344 Filed July 13, 2000**  
For: **Concurrently, Here with**  
Attorney: **STRUCTURE OF AIR AND FREQUENCY FRONT END**  
File No.: **IMCC 226**  
**2709 6807 R**

Mailed: **1/4/02** Mailer: **D P**  
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2709/OK126

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**

INTERNATIONAL APPLICATION NO.  
PCT/FI00/00644

INTERNATIONAL FILING DATE  
July 13, 2000

PRIORITY DATE CLAIMED  
July 14, 1999

TITLE OF INVENTION

STRUCTURE OF A RADIO-FREQUENCY FRONT END

APPLICANT(S) FOR DO/EO/US

Panu HAGSTRÖM

Applicant herewith submits to the United States Designated/Elected office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S. C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S. C. 371 (b) and PCT Articles 22 and 39 (1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S. C. 371 (c) (2) )
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S. C. 371 (c)2)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c) (3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11. to 16. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98 (with 7 references and International Search Report).
12. ☒ An assignment document for recording. A **separate** cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney an/or address letter.
16. ☐ Other items or information:

**EXPRESS MAIL CERTIFICATE**

Date 1/4/02 Label No. 876772138305

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Name (Print)

Signature